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Datasheet for ABIN5709125

Bcl-2 Protein (AA 5-205, partial) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	Bcl-2 (BCL2)
Protein Characteristics:	AA 5-205, partial
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Bcl-2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	GRTGYDREI VMKYIHYKLS QRGYEWDA GD ADAAPLGAAP TPGIFS FQPE SNPMPAVHRD MAARTSPLRP LVATAGPALS PVPPVVHLTL RRAGDDFSRR YRRDFAEMSS QLHLTPFTAR GRFATVVEEL FRDGVNWGRI VAFFEFGGVM CVESVNREMS PLVDNIALWM TEYLNRLHHT WIQDNGGWDA FVELYGPSMR P
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Bcl-2 (BCL2)
Alternative Name:	BCL2 (BCL2 Products)
Background:	Suppresses apoptosis in a variety of cell systs including factor-dependent lymphohatopoietic

Target Details

and neural cells. Regulates cell death by controlling the mitochondrial mbrane permeability. Appears to function in a feedback loop syst with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1).

Molecular Weight: 26.8 kDa

UniProt: [P10417](#)

Pathways: [MAPK Signaling](#), [PI3K-Akt Signaling](#), [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Skeletal Muscle Fiber Development](#), [Autophagy](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

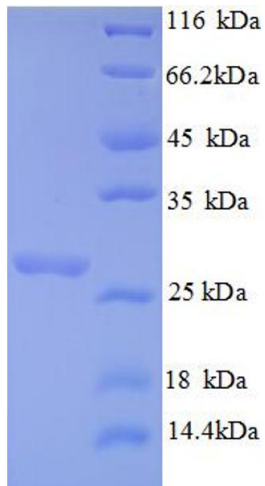
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C,4 °C,-20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.